BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurem 8
0.50			
1.50			
1.50			
0.80			
0.80			
0.80			
0.80			
0.80			
0.80			
1.00			
1.00			
6.00			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424353

Premeasurements:-

rial No. 2nd | final bill:-

me of Work Improvements to roads. ~~From~~ and drains in ~~To~~ Venkatappa layout in ward 7.
in Kodigehalli sub-division.

me of Contractor of nature of Agency M/S. KRIDL

te of commencement of work

te	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:-	Rs. 50.0 lakhs					
	Job number:-	507-17-000041					
	Head of account:-	P2178					
	A.S. No:-	AE|EE|BTP|139|17-18, dt: 22.12.17					
	T.S. No:-	TS|CE(YNK)|539|17-18, dt: 12.01.18.					
	Modified -TS. NO.	TS|CE(YNK)|021|19-20, dt: 24.4.19.					
	Agr no:-	No. EE|BTP|Agr||17-18, dt:					
	Work order no:-	No. BBMP|EE|BTP|WO|88|17-18, dt: 02.03.18					
	Work order amount:-	Rs. 4998863|- (Including KRIDL charges)					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 01:- Premeasurements recorded on:						
	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually;						
	1st part qty vide pg no. 427701 →			356.76 cum			
	Present qty →	0					
	Item No 02:- Premeasurements recorded on:						
	Scarifying existing stone metal layer upto 75mm th;						
	1st part qty vide pg no. 427702 →			499.20 sqm			
	1st cross:-			B_1	B_2		
	60-90	01	13.0	6.20	6.10	= 6.10	= 79.30
	90-120	01	30.0	6.0	7.0	= 6.50	= 195.0
	120-140	01	20.0	7.0	6.20	= 6.6	= 132.0
							406.30

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Nu
	2nd cross	
	0-30	
	30-60	
	60-90	
	90+120	
	120+148	
	3rd cross:-	
	0-30	
	30-60	
	60-90	
	90-120	
	120-153	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
ion	in ordinary soil for levelling			
lly ;				
→	356.75 cum			
on:				
netal layer upto 75mm th ;				
→	499.20 sqm			
3.0	B_1 6.20	B_2 6.10	= 6.10	= 79.30
0.0	6.0	7.0	= 6.50	= 195.0
0.0	7.0	6.20	= 6.6	= 132.0
				406.30 sqm

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424354

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd cross						
	0-30	01	30	(6.80 + 7.0)		= 6.90	= 207.0
	30-60	01	30	(7.0 + 7.0)		= 7.0	= 210.0
	60-90	01	30	(7.0 + 6.4)		= 6.70	= 201.0
	90+120	01	30	(6.4 + 6.5)		= 6.45	= 193.50
	120+148	01	28	(6.50 + 7.00)		= 6.75	= 189.0
							1000.50 Sqm
	3rd cross:-						
	0-30	01	30.0	(7.20 + 7.50)		= 7.35	= 220.50
	30-60	01	30.0	(7.50 + 6.10)		= 6.80	= 204.0
	60-90	01	30.0	(6.10 + 5.30)		= 5.70	= 171.0
	90-120	01	30.0	(5.30 + 5.40)		= 5.35	= 160.50
	120-153	01	33.0	(5.40 + 5.80)		= 5.6	= 184.8
							940.80 Sqm
						2347.60 Total	2346.80 Sqm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 04:- Premeasurements recorded on:						
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm.						
	1st part 4978 | 427702 → 355.68 cum.						
	3rd cross:- 60-90	01	24.0	(6.1 + 5.3)/2	= 5.7 x 0.15 =	20.52	
	90-120	01	30	(5.3 + 5.4)/2	= 5.35 x 0.15 =	24.08	
						44.60	
					Total =	400.28 cum	
	Verified Qty left to. 396.63 cum						

M. A
M

rial No. .....
me of Work ..... Fro
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Numbe
	2	3
	Item No.	

MEASUREMENT BOOK

MAIN-BILL:-

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 01:- Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of building culverts road drains and trenches of pipe lines and cables) and removing the excavated stuff to distance not exceeding.;						
	1st / part vide pg no 427701 →					356.76 cum	
	Present q.ty →	0					
	Item No 10:- loading / unloading charges.;						
	1st / part vide pg no 427702 →					356.76 cum	
	Present q.ty →	0					

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
	2	3
	Item No 02:- Scarifying existing their bituminous surface, of old serviceable materials of the salvaged aggregate and consolidating as per wo	
	1st / part vide pg no 427702	
	Present q.ty ~~vide~~ pg no 42	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
ation in ordinary soil for ound manually (other than road drains and trenches emoving the excavated stuff				
			356.76 cum	
ges.,			356.76 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424356

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No. 02:- Scarifying existing stone metal layer upto 75mm th along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mm, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications.,						
	1st / past vide pg no 427702 → 499.20 sqm						
	Present qty ~~vide~~ pg no 424354 →			124.80 sqm	@ 92.22	= 11509.06	
	→			2224.80	@ 133.56	= 296877.17	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 04:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms th, well compacted in foundation and plinth, including cost of all materials, labour, HOM of machinery curing complete.,						
	1st/part vide pg no 427702 →			355.68 cum			
	Present qty vide pg no 424354 →			40.95 cum			
	At the rate of Rs. 5159.02 →						21 1261.87

rial No. .....
me of Work .....
me of Contractor of nature of Agency ..
te of commencement of work .....

ate	Full description, etc, of work
	2
	Item No 06:- Providing THT cutting, bending, hooki wherever required, th adjoining members wh materials, labour, HO 1st/part vide pg Present qty ~~vide~~

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
in position plain cement concrete				
mm and down size graded				
, concrete laid in layers not				
acted in foundation and plinth,				
s, labour, HOM of machinery				
→			355.68 cum	
4 →			40.93 cum	
				21 | 1261.87
→				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424357

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.06:- Providing TMT steel reinforcement for RCC work including straightening cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, cost of materials, labour, HOM of machinery :-						
	1st/part bill pg no 427703 →					0.998 tonne	
	Present qty ~~bill pg~~ →		0				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 07:- Providing and removing, centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, pool & struts square/rectangular slabs/sidewalls polygon in plan including cost of materials, labour complete,						
	qty vide page no. 4278/427703 →					148.80 sqm	
	Present qty →					0.	
	Item No 08:- Providing and loading in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates & 0.878 cum and fine aggregates.,						

rial No. .....
me of Work .....
me of Contractor of nature of Agency ..
te of commencement of work .....

ate	Full description, etc, of work
	2
	qty vide page no. 4
	Present qty →
	Item No 09:- Providing
	using reinforced cem
	and down size includi
	machine mixed conc
	compacted cost of a

BOOK

ns		Contents	Reference to last Measurem
eadth 5	Depth 6	7	8
ng,	shuttering, strutting,		
rs,	abutments, pool &		
walls	polygon in plan		
mplete,			
148.80 sqm)			
position	reinforced cement		
cement	@ 320 kgs with 20mm		
al	coarse aggregates e		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424358

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page no. 427 & 427 → 704 →				17.79 cum		
	Present qty →	0					
	Item No. 09:- Providing and fixing 10cm thick pre-cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centering, shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick well compacted cost of all materials labour curing complete.)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st/part qty vide page no. 4278/427705 → 41.25 sqm						
	Present qty →	0					
	Item No.03:- Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6).						
	1st/part qty vide page no. 4278/427707 → 373.50 sqm						
	Present qty →	0					
	Item No.05:- Cement - concrete pavement, construction of un-reinforced plain cement concrete pavement, thickness as per design.						
	1st/part qty vide page no. 4278/427708 →					249.60 cum	

Trial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

ate	Full description, etc, of work
	2
	3rd cross:- 120-153
	At the rate of Rs

AE (W)

NT BOOK

mensions			Contents	Reference to last Measurem
n	Breadth 5	Depth 6	7	8
→ 41.25 sqm				
s of selected quality roughly				
ortar (1:6))				
7 → 373.50 sqm				
ent., construction of un-reinforced				
hickness as per design)				
8/427708 →			249.60 cum	

M. A. R. 57 (Rule 116)
Measurement Book

424359

rial No. ..... From..... To.....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3rd cross:- 120-153	01	20.0	5.4	5.8	= 5.60 x 0.10 =	11.20
							605 97.02
	At the rate of Rs. 5508.82 →						
						Sub-total=	580245.11
						Add 10% KRIDL charges=	58024.51
						Add 1% labour cess charges =	5802.45
						Total =	644072.08
							644000/-

Verified
30/09
E.E.(W.S.)

Cyke
Dw

Abstract N.D
At (WT)
08/8/2010

Assistant Executive Engineer,
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	towards Amrutahalli main road.			3rd Layer			
	Laxmi-Narayana temple				Pending (2 cm)		
						5-10 towards Dasarahalli main road	
	Venkatappa layout						

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Works Sanctioned
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 636863/-
ಇದರಲ್ಲಿ ರೂ. 72563/-
ಮಾಡಿಕೆ 564300/-

BOOK

ns		Contents	Reference to last Measurem
eadth 5	Depth 6	7	8

3rd LIFT

Pending (from)

Temple

Dasarahalli main road

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424360

rial No. .....

me of W ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	P2178 Dep maps ರಡ				Total. 4992101		
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Works Sanctioned by				1st & Part 4355238		
	ಚಿಲ್ಲು ಮೊಬಲಗು ರೂ. 636863/- ಗಟನ್ನು ಪಾಸು ಮಾಡಿದೆ.				2nd & Final 636863 —		
	ಇದರಲ್ಲಿ ರೂ. 72563/- ಗಟನ್ನು ಹೊಂದಾಣಿಕೆ				It 12738		
	ಮಾಡಿಕೆ ... ಗಟನ್ನು 564300/-				CGST 5687		
					SGST 5687		
	FT/NEFT ... ಮುಂದಾದರ ಸಿಬ್ಬಂದಿಗಳ				FSD 31900		
					CEM 6369		
					CBP 637		
					LR 5482		
					Fine 4063		
					Ded. 72563/-		
					Chge 564300/-		